

(MSD FORM PTO-1449
(MSDIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
06816/051001SERIAL NO.
08/785,931INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT:
Eric R. Fossum, et al.FILING DATE
01/22/97GROUP
2604

(37 CFR 1.98(b))

JC564 U.S. PRO
09/749989
12/26/00

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NDH	AA	5	3	2	7	2	3	4	7/5/94	Creswick		348	399	
HDH	AB	5	3	6	9	0	3	9	11/29/94	Hynecek et al.		437	2	
NDH	AC	4	7	7	9	0	0	4	10/18/88	Tew et al.		250	578	
	AD													
	AE													
	AF													
	AG													
	AH													
	AI													
	AJ													
	AK													

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AQ	
AR	
AS	

EXAMINER: *Wesley D. Keyser* DATE CONSIDERED *July 15, 2009*

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
06816/051001SERIAL NO.
08/785,931INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT:
Eric R. Fossum, et al.FILING DATE
01/22/97

GROUP

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NDHH	AA	5	1	9	6	9	3	9	03/23/93	Elabd, et al.			
NDHH	AB	5	2	6	2	8	7	1	11/16/93	Wilder, et al.			
NDHH	AC	5	4	4	0	3	4	3	08/08/95	Parulski, et al.			
NDHH	AD	5	4	7	1	5	1	5	11/28/95	Fossum, et al.			
NDHH	AE	5	4	9	3	3	3	5	02/20/96	Parulski, et al.			
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AQ	
AR	
AS	

EXAMINER *Nelson R. K. Phung* DATE CONSIDERED *July 15, 2004*

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

NJHT	AQ	Fossum et al. Application of the Active Pixel Sensor Concept to Guidance and Navigation, SPIE, Vol. 1949 paper 30 (1993)
NSHT	AR	Mendis et al., , Progress in CMOS Active Pixel Image Sensors, SPIE Vol.2172:1-11 (1994)
	AS	

EXAMINER Niles V. H. P. Dugay DATE CONSIDERED July 15, 2004
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-144)